

# WATER DISTRIBUTION OPERATIONS, WATER & WASTEWATER FUNDAMENTALS CERTIFICATE OF SPECIALIZATION

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## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Water Distribution System Operations-1
  - Identify sources and characteristics of water common to water distribution systems.
- Water Distribution System Operations-4
  - Using calculations and conversions, determine water flow, pressure, volume, velocity and force, and chemical dosage used in water distribution systems.
- Water Distribution System Operations-10
  - Specify necessary procedures needed to safely complete field work in a water distribution system.

## Certificate Requirements

Code	Title	Units
CWS-100	Career Pathways in Water & Wastewater	3
CWS-101	Fundamentals of Water & Wastewater	3
CWS-107	Safety in Water & Wastewater	3
CWS-102	Calculations in Water & Wastewater	3
Total Units		12

## Certificate of Specialization

Students who complete the requirements above qualify for a certificate in that area of emphasis. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.